

## ABSTRACT OF THE DISCLOSURE

An image synthesis apparatus includes a right infrared camera and a left infrared camera; a right  
5 visible light camera and a left visible light camera; and  
a first image synthesis processing device for  
synthesizing data output from the right infrared camera  
and from the left infrared camera and data output from  
the right visible light camera and from the left visible  
10 light camera so that a three-dimensional thermal image  
and a three-dimensional visible light image are observed  
by an observer as overlapping each other.